0590
1115

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RAW SEQUENCE LISTING                    DATE: 10/24/2001
PATENT APPLICATION:  US/09/973,278      TIME: 14:04:06

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ENTERED

p.5

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PATENT APPLICATION: US/09/973,278   TIME: 14:04:06

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114 <170> SOFTWARE: PatentIn Ver. 2.0
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117 <211> LENGTH: 733
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 1
122 gggatccgga gcccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg      60
123 aattcgaggg tgcaccgtca gtcttcctct tccccccaaa acccaaggac accctcatga     120
124 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg     180
125 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg     240
126 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact     300
127 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg     360
128 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc     420
129 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct     480
130 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga     540
131 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg     600
132 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc     660
133 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc     720
134 gactctagag gat                                                        733
136 <210> SEQ ID NO: 2
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Input Set : A:\PZ010P2-SL.txt
Output Set: N:\CRF3\10242001\I973278.raw

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138 <212> TYPE: PRT
139 <213> ORGANISM: Homo sapiens
141 <220> FEATURE:
142 <221> NAME/KEY: Site
143 <222> LOCATION: (3)
144 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally ocurring L-amino
acids
146 <400> SEQUENCE: 2
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W--> 147 Trp Ser Xaa Trp Ser
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148    1              5
150 <210> SEQ ID NO: 3
151 <211> LENGTH: 86
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <221> NAME/KEY: Primer_Bind
157 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site
158         found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
159         (1994)), 18 nucleotides complementary to the SV40 early promoter,
160         and a Xho I restriction site.
162 <400> SEQUENCE: 3
163 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc    60
164 cccgaaatat ctgccatctc aattag                                         86
166 <210> SEQ ID NO: 4
167 <211> LENGTH: 27
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <221> NAME/KEY: Primer_Bind
173 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promter;
includes a
174         Hind III restriction site.
176 <400> SEQUENCE: 4
177 gcggcaagct ttttgcaaag cctaggc                                        27
179 <210> SEQ ID NO: 5
180 <211> LENGTH: 271
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <221> NAME/KEY: Protein_Bind
186 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
GAS
187         binding sites found in the IRF1 promoter (Rothman et al., Immunity
188         1:457-468 (1994)).
190 <400> SEQUENCE: 5
191 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg    60
192 aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcccatccc   120
193 gcccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa tttttttat   180
194 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt   240
195 ttttggaggc ctaggctttt gcaaaaagct t                                  271
197 <210> SEQ ID NO: 6
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RAW SEQUENCE LISTING   DATE: 10/24/2001
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Input Set : **A:\PZ010P2-SL.txt**
Output Set: **N:\CRF3\10242001\I973278.raw**

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199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <221> NAME/KEY: Primer_Bind
204 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
205         sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
206         Xho I restriction site.
208 <400> SEQUENCE: 6
209 gcgctcgagg gatgacagcg atagaacccc gg                              32
211 <210> SEQ ID NO: 7
212 <211> LENGTH: 31
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <221> NAME/KEY: Primer_Bind
218 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
219         sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
220         Hind III restriction site.
222 <400> SEQUENCE: 7
223 gcgaagcttc gcgactcccc ggatccgcct c                               31
225 <210> SEQ ID NO: 8
226 <211> LENGTH: 12
227 <212> TYPE: DNA
228 <213> ORGANISM: Homo sapiens
230 <400> SEQUENCE: 8
231 ggggactttc cc                                                    12
233 <210> SEQ ID NO: 9
234 <211> LENGTH: 73
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <221> NAME/KEY: Primer_Bind
240 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding
site
241         (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the
242         SV40 early promoter sequence, and a XhoI restriction site.
244 <400> SEQUENCE: 9
245 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg   60
246 ccatctcaat tag                                                   73
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 256
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <221> NAME/KEY: Protein_Bind
255 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
NF-KB
256         binding sites.
258 <400> SEQUENCE: 10
259 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct   60
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RAW SEQUENCE LISTING   DATE: 10/24/2001
PATENT APPLICATION: US/09/973,278   TIME: 14:04:06

Input Set : A:\PZO10P2-SL.txt
Output Set: N:\CRF3\10242001\I973278.raw

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260 caattagtca gcaaccatag tcccgcccct aactccgccc atcccgcccc taactccgcc      120
261 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
262 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
263 cttttgcaaa aagctt                                                      256
265 <210> SEQ ID NO: 11
266 <211> LENGTH: 1142
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
270 <220> FEATURE:
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (341)..(341)
273 <223> OTHER INFORMATION: n equals a,t,g, or c
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (369)..(369)
278 <223> OTHER INFORMATION: n equals a,t,g, or c
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature
282 <222> LOCATION: (386)..(386)
283 <223> OTHER INFORMATION: n equals a,t,g, or c
285 <220> FEATURE:
286 <221> NAME/KEY: misc_feature
287 <222> LOCATION: (408)..(408)
288 <223> OTHER INFORMATION: n equals a,t,g, or c
290 <220> FEATURE:
291 <221> NAME/KEY: misc_feature
292 <222> LOCATION: (412)..(412)
293 <223> OTHER INFORMATION: n equals a,t,g, or c
295 <220> FEATURE:
296 <221> NAME/KEY: misc_feature
297 <222> LOCATION: (526)..(526)
298 <223> OTHER INFORMATION: n equals a,t,g, or c
300 <220> FEATURE:
301 <221> NAME/KEY: misc_feature
302 <222> LOCATION: (598)..(598)
303 <223> OTHER INFORMATION: n equals a,t,g, or c
305 <220> FEATURE:
306 <221> NAME/KEY: misc_feature
307 <222> LOCATION: (676)..(676)
308 <223> OTHER INFORMATION: n equals a,t,g, or c
310 <220> FEATURE:
311 <221> NAME/KEY: misc_feature
312 <222> LOCATION: (739)..(739)
313 <223> OTHER INFORMATION: n equals a,t,g, or c
315 <400> SEQUENCE: 11
316 tcgacccacg cgtccgtctt cctcctgcgt cctcccccgc tgcctccgct gctcccgacg       60
317 cggagcccgg agcccgcgcc gagcccctgg cctcgcggtg ccatgctgcc ccggcggcgg      120
318 cgctgaagga tggcgacgcc gctgcctccg ccctcccccgc ggcacctgcg gctgctgcgg      180
319 ctgctgctct ccggcctcgt cctcggcgcc gccctgcgtg gagccgccgc cggccacccg      240
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VERIFICATION SUMMARY   DATE: 10/24/2001
PATENT APPLICATION: **US/09/973,278**   TIME: 14:04:07

Input Set : **A:\PZ010P2-SL.txt**
Output Set: **N:\CRF3\10242001\I973278.raw**

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L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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Input Set : A:\PZ010P2-SL.txt
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